

IN THE CLAIMS

Listing of claims:

11. (Original) The combination comprising:

a blending and dispensing assembly having an inlet end and a discharge end and a passageway communicating from said inlet end to said discharge end, said inlet end being configured to fit and seal against a base product delivery end outlet of a flowable mixture dispenser head, said assembly having a blending chamber in the passageway;

a manifold on said assembly with multiple passageways in the manifold for delivery of fluid ingredients in a first direction from outside said assembly into said chamber;

an auger in said blending chamber and operable, when actuated, to move a mixture from said blending chamber to an outlet at said discharge end; and

a blender motor coupled to said auger to actuate said auger.

12. (Original) The combination of claim 11 and further comprising:

a plurality of one-way valves, at least one valve of said plurality being in each passageway of said manifold and oriented to prevent passage of fluid in said passageway in a second direction opposite said first direction.

13. (Original) The combination of claim 12 and wherein:

said auger has blending slots to allow for a flow-back of a mixture in the blending chamber and thereby creating an inefficient movement of the mixture in the chamber toward said outlet at said discharge end of said assembly.

14. (Original) The combination of claim 11 and wherein:

 said auger has at least one helical flight from one end of the auger to the other end of the auger, said flight having interruptions spaced along it to enable back-flow of the mixture along the length of the auger during rotation of the auger.

15. (Original) The combination of claim 11 and further comprising:

 a plurality of ingredient sources;

 a plurality of ingredient conduits coupled to said manifold and to said sources to convey ingredients from said sources to said manifold;

 a plurality of pumps coupled to said sources and operable, when actuated, to pump ingredients from said sources to said manifold;

 a controller coupled to said pumps to signal said pumps for operation;

 a selector coupled to said controller to enable said controller to initiate operation of selected pumps;

 a base material dispenser having a dispenser head with a base product delivery end outlet coupled to said inlet end of said assembly and having a member operable, when actuated, to initiate flow of base product out of the delivery end outlet of the dispenser into the inlet end of the assembly; and

 a switch coupled to said member and to said selector to signal said controller to initiate operation of said selected pumps.

16. (Original) The combination of claim 15 and wherein:
said member is a base product draw handle and said switch is operable by said
handle.

17. (Previously presented) The combination comprising:
a blending and dispensing assembly having an inlet end and a discharge end and a
passageway communicating from said inlet end to said discharge end, said inlet end being
configured to fit and seal against the base product delivery end outlet of a flowable mix
dispenser head, said assembly having a blending chamber in the passageway;
a plurality of ingredient sources storing different ingredients for addition to a base
product in a direction from outside said assembly into said chamber;
an auger in said blending chamber and operable, when actuated, to move a mixture
from said blending chamber to an outlet at said discharge end; and
a blender motor coupled to said auger to actuate said auger.

18. (Currently amended) The combination of claim 17 and further comprising;
a plurality of valves, each valve of said plurality being associated with a different
one of said sources to normally prevent backflow passage of the ingredients from to said
blending chamber.

19. (Previously presented) The combination of claim 18 and wherein:
said auger has blending slots to allow for a flow-back of the mixture in the blending
chamber creating an inefficient movement of the mixture in the chamber.

20. (Previously presented) The combination of claim 17 and wherein:
said auger has at least one helical flight from one end of the auger to the other end
of the auger, said flight having interruptions spaced along it to enable back-flow of the
mixture along the length of the auger during rotation of the auger.

21. (Previously presented) The combination of claim 17 and further comprising:
a plurality of containers holding said ingredient sources;
a plurality of ingredient movers coupled to said sources and operable, when
actuated, to move said ingredients from said sources toward said chamber;
a controller coupled to said ingredient movers to signal said movers for operation to
move said ingredients toward said chamber;
a selector coupled to said controller to enable said controller to initiate operation of
selected movers;
a base material dispenser having a base material delivery end outlet coupled to said
inlet end of said assembly and having a member operable, when actuated, to initiate flow of
base material out of the delivery end outlet of the dispenser into the inlet end of the
assembly; and
a switch coupled to said member and to said selector to signal said controller to
initiate operation of said selected ingredient movers.

22. (Previously presented) The combination of claim 21 and wherein:

said member is a base material draw handle and said switch is operable by said draw handle.

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